

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: June 16, 2003
For Week Ending: June 15, 2003
ND-CW2403

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
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General: Rain showers delayed spraying and stopped some producers from finishing planting, according to the North Dakota Agricultural Statistics Service. Spraying for broadleaf weeds and wild oats are 60 percent and 70 percent complete, respectively. A statewide average of 5.0 days were suitable for fieldwork last week.

Rain showers during the week dropped measurable precipitation across much of the state. Statewide average topsoil moisture supplies as of June 15 were rated 1 percent very short, 5 short, 82 adequate and 12 surplus compared to 14 percent very short, 17 short, 62 adequate and 7 surplus on June 16, 2002.

Crops: Small grain crop conditions were virtually unchanged from last week. As of June 15th, 87 percent of the hard red spring wheat was rated in good to excellent condition compared to 62 percent last year. Small grain development was slightly ahead of the five-year (1998-2002) average with spring wheat, barley and oats all at 46 percent jointed and beyond and durum wheat at 23 percent jointed and beyond.

As of June 15, 96 percent of the sunflower crop was planted compared to 98 percent planted last year while 65 percent had emerged compared to 66 percent last year. The soybean crop was 90 percent emerged compared to the five-year average 89 emerged and condition of the crop was rated 87 percent good to excellent. The corn crop was 98 percent emerged compared to 98 the previous year and the five-year average of 97. Eighty-five percent of the crop was rated in good to excellent condition. Canola was 98 percent emerged, equal to last year and ahead of the five-year average.

Livestock: Pasture and rangeland conditions were rated 1 percent very poor, 6 poor, 28 fair, 54 good and 11 excellent. This is a significant improvement over last year's ratings which were greatly deteriorated due to drought condition in several counties. Stockwater supplies were rated 1 percent very short, 6 short, 89 adequate and 4 surplus compared to 2 percent very short, 8 short, 86 adequate and 4 surplus on June 16, 2002. The hay crop condition was rated 4 percent poor, 25 fair, 60 good and 11 excellent. Baling of the first cutting of alfalfa hay is 6 percent complete compared to 5 percent complete last year. Other hay baling is 1 percent complete.

Crop Development Progress ^{1/} June 15, 2003 with Comparisons				
Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Emerged	98	93	98	96
Jointing	46	22	27	38
Boot	15	NA	4	11
Headed	3	NA	1	2
DURUM WHEAT				
Emerged	95	80	93	92
Jointing	23	11	12	19
Boot	3	NA	3	4
Headed	0	NA	0	0
HRS WHEAT				
Emerged	97	93	98	97
Jointing	46	25	35	44
Boot	15	NA	8	13
Headed	1	NA	1	3
OATS				
Emerged	97	93	97	97
Jointing	46	20	34	43
Boot	11	NA	5	13
Headed	0	NA	1	3
CANOLA				
Emerged	98	88	98	95
Rosette	48	20	19	43
Blooming	4	NA	0	4
CORN				
Emerged	98	91	98	97
DRY EDIBLE BEANS				
Planted	98	90	100	98
Emerged	75	43	85	85
FLAXSEED				
Emerged	95	77	96	93
POTATOES				
Planted	99	93	100	100
Emerged	76	40	93	86
SOYBEANS				
Emerged	90	61	96	89
SUGARBEETS				
Emerged	100	96	98	99
SUNFLOWER				
Planted	96	85	98	96
Emerged	65	37	66	71

^{1/} Crop development percents represent all acreage in or beyond each stage.
NA = Not Available

Crop Condition Week Ending June 15, 2003					
Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	0	1	10	66	23
Durum Wheat	0	1	21	70	8
HRS Wheat	0	1	12	65	22
Oats	0	1	13	72	14
Canola	0	1	14	63	22
Corn, All	0	1	14	71	14
Dry Edible Beans	0	2	18	64	16
Flaxseed	0	2	21	64	13
Potatoes	0	1	22	61	16
Soybeans	0	2	11	69	18
Sugarbeets	0	1	19	52	28
Sunflowers	0	1	16	68	15
Hay	0	4	25	60	11
Pasture and Range	1	6	28	54	11

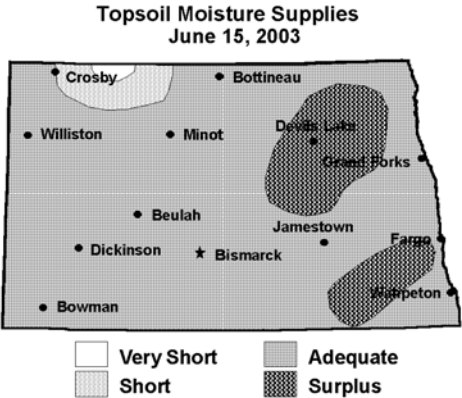
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending June 15, 2003

Soil Moisture: North Dakota, June 15, 2003

Date	V. Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	1	5	82	12
Last Week	0	6	81	13
Last Year	14	17	61	8
98-02 Avg	4	12	71	13
SUBSOIL				
This Week	2	12	76	10
Last Week	4	13	71	12
Last Year	8	24	63	5
98-02 Avg	4	13	71	12



Weather: Warm temperatures prevailed this past week as much of the state saw highs climb into the low to mid-80s. The state was slightly above normal for average temperatures this time of year.

All of the state saw much needed rain. The precipitation deficit is declining in many areas, but is still holding strong for a few areas.

Outlook, June 16-22: Continued warm weather for the coming week. Temperatures Monday will vary from west to east with warmer temperatures in the central and eastern portions of the state with highs in the low to mid-80s in central North Dakota and mid-to-upper 80s (some areas might even see 90 degrees) in the east and cooler temperatures in the west with highs hovering around the low to mid-70s. Expect highs to continue to climb into the 80s and 90s the remainder of the week with temperatures cooling down by the weekend. Tuesday's highs should be in the upper 80s to low 90s (east) and 90s in the southwest Wednesday and mid-to-upper 80s the rest of the state. Thursday will bring highs in the upper 80s east (with the possibility of a 90 or two) and low 90s in central and western North Dakota. Friday will cool slightly into the 80s across the state then cooler temperatures push their way into the region for Saturday and Sunday. Highs Saturday in the mid-70s out west and upper 70s to low 80s the rest of the state and highs on Sunday will be in the low to mid-70s statewide.

Drier conditions in store for the state this week. Precipitation amounts will be relatively small ranging from as little as 0.05 of an inch in the extreme northeast increasing to 0.50 of an inch as you go southwest. The northwest can see as much as 1.20 inches by the end of the week. There is a chance of thunderstorms across the state Monday with the chance migrating to just the east by Monday night. Expect dry weather Tuesday through Thursday and then a statewide chance for precipitation again come Friday and extending through the weekend.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending June 14, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
Northwest (1)	64	1	0.41	4.09	-1.10
N. Central (2)	65	3	1.09	4.14	-1.18
Northeast (3)	64	1	1.47	5.99	0.88
W. Central (4)	64	0	0.86	5.35	-0.42
Central (5)	65	1	1.19	7.57	1.93
E. Central (6)	66	2	0.67	6.27	0.41
Southwest (7)	64	2	0.64	5.04	-1.08
S. Central (8)	65	1	0.60	5.99	0.38
Southeast (9)	65	0	0.99	7.39	1.62

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending June 14, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
(1) Bowbells	85	41	0.28	2.75	-2.45
Williston	83	46	0.68	4.68	0.15
Mohall	85	46	0.13	3.88	-1.45
Minot	83	45	0.56	5.04	-0.66
(2) Baker	81	50	1.51	5.32	-0.50
Bottineau	87	46	0.61	3.09	-2.15
Towner	85	44	1.14	4.00	-0.89
(3) Cando	81	49	1.42	5.14	0.26
Cavalier	81	42	1.65	6.42	1.05
Forest River	84	49	1.62	5.84	0.42
Grand Forks	84	47	1.19	6.06	1.13
Langdon	80	49	1.58	5.71	1.12
St. Thomas	80	43	1.38	6.74	1.32
(4) Hazen	83	41	1.36	5.79	-0.42
Turtle Lake	81	46	0.92	6.63	0.93
Watford City	86	48	0.29	3.64	-1.77
(5) Carrington	81	50	1.28	6.17	0.46
Harvey	81	49	2.29	8.66	2.80
Jamestown	82	50	1.34	9.63	4.55
Robinson	79	48	0.35	6.91	1.32
Streeter	79	49	0.69	6.46	0.50
(6) Dazey	81	54	0.00	5.84	-0.02
Fargo	83	50	0.88	5.88	0.18
Hillsboro	82	48	1.14	7.08	1.08
(7) Beach	83	46	0.95	5.78	0.34
Bowman	83	45	0.31	4.59	-1.50
Dickinson	84	47	1.17	5.27	-0.98
Hettinger	84	44	0.13	4.52	-2.18
(8) Mandan	82	47	0.15	6.74	1.52
Linton	81	50	1.05	5.24	-0.77
(9) Edgeley	79	48	1.39	9.03	3.07
Oakes	84	46	0.82	7.62	1.74
Wyndmere	84	47	0.75	5.53	0.07

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